BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of the work: **Improvements to drains in 1st to 4th main road, 2nd cross road to 8th cross road in tatanagara in ward no. 8, kodigehalli**

Estimate 2000000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	1321 Hire charges of 100 KVA generator including operator, fuel, transportation and handling charges PWD SR 2015-16, P. L, I. 92 for pumping of stagnated water in existisng drain								
		Hours	5	4.00			20.00	630.00	12600.00
2	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 141 / Item No. 19.1/ PWD SR 2015-16								
	Drain desilting								
	4th main road	Cum	2	330.00	0.50	0.30	99.00		
	3rd main road (Sathish dhawan park west side)	Cum	2	118.00	0.50	0.30	35.40		
	2nd main road (Sathish dhawan park east side)	Cum	2	109.00	0.50	0.30	32.70		
	1st main road (from 5th crs to 8th crs)	Cum	2	200.00	0.50	0.30	60.00		
	cross road towards balamuri temple	Cum	2	32.00	0.50	0.30	9.60		
	8th cross road	Cum	2	214.00	0.50	0.30	64.20		
	6th cross road	Cum	2	238.00	0.50	0.30	71.40		
	5th cross road	Cum	2	301.00	0.50	0.30	90.30		
	4th cross road	Cum	2	260.00	0.50	0.30	78.00		
	3rd cross road	Cum	2	103.00	0.50	0.30	30.90		
	2nd cross road from main road to 5th main rd	Cum	2	150.00	0.50	0.30	45.00		
							616.50	83.16	51268.00
	Basic Rate	77.00							
	Area Weightage @8%	6.16							
	Total	83.16							
3	Removing B.S Slab of Drain and stacking Page No. 25 / Item No. 5.32 / PWD SR 2015-16								
2	4th main road	Sqm	2	330.00	1.65		1089.00		
3	3rd main road (Sathish dhawan park west side)	Sqm	2	118.00	1.65		389.40		
4	2nd main road (Sathish dhawan park east side)	Sqm	2	109.00	1.65		359.70		
5	1st main road (from 5th crs to 8th crs)	Sqm	2	200.00	1.65		660.00		
6	cross road towards balamuri temple	Sqm	2	32.00	1.65		105.60		
10	8th cross road	Sqm	2	214.00	1.65		706.20		
11	6th cross road	Sqm	2	238.00	1.65		785.40		
12	5th cross road	Sqm	2	301.00	1.65		993.30		
13	4th cross road	Sqm	2	260.00	1.65		858.00		
14	3rd cross road	Sqm	2	103.00	1.65		339.90		
15	2nd cross road from main road to 5th main rd	Sqm	2	150.00	1.65		495.00		
							6781.50	63.72	432117.00
	Basic Rate	59.00							
	Area Weightage @ 8%	4.72							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Total	63.72							
4	KSRRB M300-53. Construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications, including cost of gravel / murum, watering charges and compaction by vibratory roller to 95% of proctor density. (Page 147, Item No. 19.60 SR 2015-16)								
	4th main road	cum	2	330.00	0.50	0.25	82.50		
	3rd main road (Sathish dhawan park west side)	cum	2	118.00	0.50	0.25	29.50		
	2nd main road (Sathish dhawan park east side)	cum	2	109.00	0.50	0.25	27.25		
	1st main road (from 5th crs to 8th crs)	cum	2	200.00	0.50	0.25	50.00		
	cross road towards balamuri temple	cum	2	32.00	0.50	0.25	8.00		
	8th cross road	cum	2	214.00	0.50	0.25	53.50		
	6th cross road	cum	2	238.00	0.50	0.25	59.50		
	5th cross road	cum	2	301.00	0.50	0.25	75.25		
	4th cross road	cum	2	260.00	0.50	0.25	65.00		
	3rd cross road	cum	2	103.00	0.50	0.25	25.75		
	2nd cross road from main road to 5th main rd	cum	2	150.00	0.50	0.25	37.50		
							513.75	311.04	159797.00
	Basic Rate	288.00							
	Area Weightage @ 8%	23.04							
	Total	311.04							
5	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25 / Item No. 5.33 / PWD SR 2015-16								
	85 % of the quantity vide item No. 3	Sqm					5764.27	78.84	454455.00
	Basic Rate	73.00							
	Area Weightage @ 8%	5.84							
	Total	78.84							
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (10.0 cms thick) (P.No.25, I.No.5.31.1 of PW,P&IWTD SR 2015-16)								
	Balance qty vide item No. 2 & 4	sqm					1017.23	794.88	808576.0
	Basic Rate Rs.	736.00							
	Add 8% A.W Rs.	58.88							
	Total Rate Rs.	794.88							
7	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.133 of PWDSR 2015-16)								
			Vide Item No. (2*0.85)				524.03	78.97	41382.00
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12							
	Add loading and unloading charges Vide item no.17.1 P.no.133	68.00							
		73.12							
	Area Weightage @ 8%	5.85							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Total	78.97							1960195.00
8	Sub Total								
9	For survey work, levelling work and drawings @ 1% of est cost								19602.00
10	For Third Part QC inspection Charges @ 1% of Estimate Cost								19602.00
11	Miscellaneous and other Charges	L/S							601.00
								Total	2000000.00

(Rs. Twenty Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2015-16.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no. 8

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP
8/12/15

Administrative Approval

Accorded For 2000000/-
Head of A/C P-1771
CER NO 71 **Dt.** 14.12.2015

TA **CE (YNK)**

TECHNICAL SANCTION

Accorded For Rs. 2,000,000/-
Head of A/c. P-177
Div. Ref. No. 231 Date 14.12.15

AE

EE(BTP)
15/12